e No	T 16N R 14E
PLICATE DE A ST. ST.	County Garfield
	STATE OF MONTANA
	STRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER
•	FFICE OF STATE ENGINEER DECE VE
Declaration	of Vested Groundwater Rights R 4 1962
	hapter 237, Montana Session Laws, 1961)
	STATE ENGINEER
Indmilla Hawkinson	of WANGER Jordan
(Name of Appropriator)	(Address) $(Town)$
Laye appropriated groundwater acco	State of Montana rding to the Montana laws in effect prior to January 1, 1962, as follow
N.	
	2. The beneficial use on which the claim is based
	Well No. 1: Domestic
	Well No. 2: Stock
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been
	Well No. 2: 1928
B	
	4. The amount of groundwater claimed (in miner's inches or gallo
<b> </b>	per minute) Wall No. 1: 6 gallons per minute
	Well No. 2: 6 gallonspar minute
	5. If used for irrigation, give the acreage and description of the lar
8	to which water has been applied and name of the owner there
14 SW Sec. 1h T 16R hl	None
idicate point of appropriation and place of use, if possible. ach small square represents 10	6. The means of withdrawing such water from the ground and
cres.	location of each well or other means of withdrawal
	Wall No. 1: Electric motor pump Wall No. 2: Electric pump jack
7. The date of commencement and con	npletion of the construction of the well, wells, or other works for w
drawal or groundwater	0. 21 1928
B. The depth of water tableNo.Lil	8 feet Well No. 2: 18 feet
9. So far as it may be available, the t	ype, size and depth of each well or the general specifications of any ot
works for the withdrawal of ground	water Well No. 1: dug well 5 feet scross and 5 feet hole, piped into house; Well No. 2: hand dug well
5 feet across and walled w	ith cenent.
	ter withdrawn each yearwaters 50 head of cattle
for a period of 8  1. The log of formations encountered	months per year. in the drilling of each well if available
	Not erailable
***************************************	
	nature as may be useful in carrying out the policy of this act, includ
reference to book and page of any o	ounty record
	2 2 2/
	I la Hawkinst
	January n
	Signature of Owner Ly Lead Margan  Date April 3, 1962

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA Concist of Gardiald

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montano, this day of April

A. D. 19 62 at 2:45 o'clock P.

County Clork and Recorder

Pag 201d 2 2.00

A CONTROL OF THE SECOND SECOND

	Approved Stock F	orm-State Publishing Co., Helena, Montana-38687
ile No		T/6 R 4/ County Garfield
UPLICATE		County Carkield
OIMOMIN	STATE OF MONTANA	Outlier The Control of the Control o
	ADMINISTRATOR OF GROUNDW	
•	OFFICE OF STATE ENGLI	D \ TEO PEO PEO   1   1   1   1   1   1   1   1   1
·	- DIALD DAGE	MAY 2.5 1962/
. De	claration of Vested Groun	ndwater Rights
	(Under Chapter 237, Montana Sessio	n Laws, 1961) STATE ENGINEER
,		<del></del>
Large	P. Alubar . A.	chagen mont.
Wame of	Appropriator) (A	Address (Town)
County of	State of	Gown.
nave appropriated grou	indwater according to the Montana law	s in effect prior to January 1, 1962, as follows:
N		44.
	2. The beneficial use on	which the claim is based #/ stack # 2 Ranch House
	Waler	
	3. Date or approximate	date of earliest beneficial use; and how con-
-	tinuous the use has	been = 1 - 1916 steady
,	2 = 2 - 1930	Steady
	; ; ]	•
	4. The amount of grou	ndwater claimed (in miner's inches or gallons
	per minute)	- Sgalmin
<b> </b>	1-1-2	7-7-4(-4-1-4-4
	5. If used for irrigation	, give the acreage and description of the lands
. 8	4/	been applied and name of the owner thereof
E 3/4 Sec. 14 T. 16	R 41	
		1
ndicate point of approp nd place of use, if po Each small square represe	essible.	lrawing such water from the ground and the
sach small square represe icres.	location of each wel	l or other means of withdrawal
.0103.	=1-windmill=	Pump jack
	#2-jet pum	pumpjack P
7. The date of commence	ment and completion of the construction	of the well, wells, or other works for with-
drawal of groundwate	1 grean 1916-	
8. The depth of water t	able no 1.32 feet L	vell no 2 32 feet
	<del>-</del> -	
9. So far as it may be a works for the withdra	wal of groundwater	well or the general specifications of any other
	Ω	
Muell 2	Dim 6 80 flot	deep
		1
	_	#1 -5 1 #- 10 1
10. The estimated amount	of groundwater withdrawn each year.	#1-25,000: #2-60,000gal
11. The log of formations	encountered in the drilling of each we	Il if available
***************************************		
***************************************		
		a carrying out the policy of this act, including
reference to book and	page of any county record	
***************************************		
		0 1000
	Signature	of Owner Leonard C Plusar Date May 21 1962
	32 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9nan 11 1969
		Date //wf Li
		Recorder of the county in which the well is
located.		
Please answer all question	s. If not applicable, so state, otherwise	the form will be returned.
	d Quadruplicate for the Appropriator.	te Engineer; Triplicate to the Montana Bureau
•		

STATE OF MONTANA County of Garlield

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Filed for record this day of May A D. 19.62 and 550

o'clock M and duly recorded in Book

County Clerk and Recorder

Fee Paid & V-00

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### 3 GW 2 Revised 1969

RECEIVED.

GCT 1.7 1972

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD TANA DEPARTMENT OF MATURINESS OF strata such as soil, clay, sand, ECSCHACES AND DESERVATION gravel, shale, sandstone, etc. Show

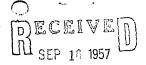
#### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962 (Under Chapter 237 Montana Session Laws, 1961, as amended)

					is found and rises in wel	
	: Top of	Ground		Œlev, ab	ove sea level)	<u> </u>
	From (Feet)	To (Feet)		ξ,		Serie Some
	9	20	top soi	1	40.000,000	ing her
	20	100	abale			20 E GEO.
	100	102	rock	*	A Section 19 Section 19	
	102	150	shale		i ali bash. Mili	ej redea s Liganos
	150	151	rock			
	151	195	shale			চল ভারিক্রন নিজনীয়াল
. !					1920 N. H. W. C.	in residen
. [	195	197	rook			25 W L
	197_	225	shale			
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· ·	228	255	sand sto	ne		
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This form to by the <b>own</b>	er with the	e County	Clerk and	Recorder	in the cou	filed	(Feet)	(Feet)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		ing.
which the v	vell is loca	ited, last o	opy to b	e retained	by driller.		9	20	top seil	40,00 <b>3,939</b>	
Please answ form may b	er all ques e returned	tions. If n	ot applica	ible, so stat	te, otherwis	e the	20	100	shale		
-	-								*		
Owner	hillip f	luhar		For Admir	nistrator's L	lse l	100	105	rock		
Address	ehagen.	Hont.	- F	ile <b>885</b> .5.			102	150	shale		
			· . [	•		- 1	150	151	rock		
*************				0ct, 13,1	7.227:	00 p.ps.	120	-71	FOOK		75
Date well st	tarted	ily 5		r w			151	195	shale	149	
come	oleted	ıly 8. l	972			1.	195	197	rook		
	4.5						197	225	shale		
Type of wel				g, driven, bored	or drilled)			I			100
Equipment i	used com	. retar	y	***************************************		*********	225	228	rock		· ,
Mater Hee	Domostia		A Comment	hurn drill, rotar			228	255	sand stone		
Water Use:	Domestic	☐ wo	ilicibai []	STOCK [	] Irrigati	on []					<u> </u>
Indu	strial 🔲	Drainage	☐ Off	ner □*	Garden/Lav	wn 🗆 :		-}	<del> </del>		
*Describe .											
USE: If use	d for irric	aation, inc	Justrial. c	drainage or	other. F	kniain		<del> </del>	ļ		<u>;;</u>
state r	number of	acres and	location	or other da	ta (i.e. Lot,	Block		<del> </del>			ije.
and A	ddition),			·····						a, Tarawa	n2 (
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ESTIMATED					<del></del>			+			
Size of Dritted Hole	Size and Weight of Casing	From (Feet)	To (Feet)		PERFORATION	vs.					1.1
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			Stat	ic water le	vel <b>100</b>	ft.	*[	1			
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INDICATE EACH SMA				LACE OF L	JSE, IF PO	SSIBLE.		上			
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Driller's Sig	gnature 💢	arl J	erul.	Bylll	thu 111.	Gerel	?	+	+	<del></del>	
Driller's Ac	dress	712 0	arland	St.		<i>y</i>		二二	<u> </u>		_
	Miles	City, M		LICENS	ENO 3	5	2:	5-	Show exact	depth of bottom	3.5

ETATE OF MONTANA OFFICE CT CO. T. County of Gartield St. CLERK A. T. CHER Filed this 13 day of Oct. St. at 478 Cantle County Cler Recorder Deputy



	024
T. 16N R	
County	<b>d</b>

# STATE ENGINEERMONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

### WATER WELL LOG

	Owner Phil Pluhar		Address	Cohagen. Montana
<del> </del>				
	Driller George Askins	***************************************	Address	TELES OT OA MOII CAME
	Date Started May 15,	<u> 1944</u>	Date Compl	leted May 18, 1914
	Location: Sec. 214	16N R LIE 1/4	secSW.4	
Type of well Dri	lled (Dug, driven, bored, or drilled)	Equipment used	Rotary (Churn	drill, rotary, other)
Water use: Domestic	X Municipal	Stock		Irrigation
Industrial	Drainage	Other:	•••••••••••••••••••••••••••••••••••••••	
Casing: 1	ft. to 206 ft.	Typesteel	Size	inch
Casing:	ft. toft.	Туре	Size	
Casing:	ft. toft.	Туре	Size	
Perforated or Screened	1: Ft 206 to ft.	266 Ft		to ft
Type of screen or perfo	rations3/16 hol	8		
Static Water level, for 1	non-flowing well:	5		feet.
Shut-in pressure, for fl	owing well:	lb./sq. in. on:		(date)
Pumping water level	fee	t at20	gal	per min
How tested:	Bailer			
Length of test	2 hours	***************************************		
Remarks: (Gravel pa	cking, cementing, packers,	type of shut-off, depth	of shut-off)	
1	20 feet cement seal to	shut surface water	off	***************************************
***************************************				
***************************************				
				***************************************
0		(over)		

	•	Log of Well
	th, feet	Description of Material Drilled
From	To	
0	140	Sand and shale
710	60	Coarse Gravel
60	160	Shale
160	190	Sand and shale
190	265	Sand
265	266	Rock
		:
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	<u> </u>	

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$\bigcirc$		$\bigcirc$ 2
T 161	R LIE	
County	Garfield	

### STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

### WATER WELL LOG

Owner Phil Pluhar Address Cohagen, Montana
DrillerEastern. Montana. Drilling. CompanyAddress
Date Started October 27, 1948 Date Completed October 28, 194
Location: Sec. 24 T 16N R 41E 1/4 sec. The Table 1/
Type of well Prilled Equipment used Rotary (Churn drill, rotary, other)
Water use: Domestic Municipal Stock I Irrigation
Industrial Drainage Other:
Casing: 1 ft. to 100 ft. Type steel Size h inch
Casing:ft. toft. Type Size
Casing:ft. toft. TypeSize
Perforated or Screened: Ft
Type of screen or perforationsnone
Static Water level, for non-flowing well: 90 feet
Shut-in pressure, for flowing well:nonelb./sq. in. on:(date)
Pumping water level 100 feet at 14 gal. per min 200
How tested:
Length of test.
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
none
(over)

		Log of Well				
	ı, feet	Description of Material Drilled				
From	То	specialment or managing alliner				
0	15	Soil, Sand and Gravel				
15	125	Shale				
125	127	Sand				
127	140	Sand and Shale				
	1					
	<u> </u>	 				
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Control of the Contro

G	Approved Stock Form—State Publishing Co., Helena, Montana—38687
File No	
UPLICATE	County Darfield
	ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  APR 24 1963
	Declaration of Vested Groundwater Rights (Under Chapter 237, Montaga Session Laws, 1961) STATE ENGINEER
1 Lud	and Hanking and
•	(Name of Appropriator) (Address) (Town)  State of Nontena
have appro	priate groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
	X 2. The beneficial use on which the claim is based. Stack
	water well.
VI	3. Date or approximate date of earliest beneficial use; and how continuous the use has been guly 14, 19, 13
	4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gala feet minute.
	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
J. L. V.	26 T/6 R41. None
Indicate point and place of Each small squ	of appropriation use, if possible. sare represents 10  6. The means of withdrawing such water from the ground and the
acres.	location of each well or other means of withdrawal
7. The date of	of commencement and completion of the construction of the well, wells, or other works for with-
	of water table. 40 feet
9. So far as	it may be available, the type, sine and depth of each well or the general specifications of any other the withdrawal of groundwater.
***************************************	مناه مر در مناه
	ated amount of groundwater withdrawn each year waters 50 head Cattle
11. The log of	formations encountered in the drilling of each well if available
12. Such other	· information of a similar nature as may be useful in carrying out the policy of this act, including
reference t	to book and page of any county record
	Signature of Owner by Lea & Morgan Date april 22, 1963
Three copies to located.	o be filed by the owner with the County Clerk and Recorder of the county in which the well is
Please answer	all questions. If not applicable, so state, otherwise the form will be returned.
Original to the	e County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau Geology, and Quadruplicate for the Appropriator.

4263.

123446

STATE OF MONTANA County of Garfield

Filed in the office of the County Clock and Recorder of Garfield County, State of Montana, this 22 day of 1711

Thank E. Carelle

by.....

Foe Paid # 2.00

FR. ID.

12

File No.....

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

		(Under Chapter	r 237, Montana Session Laws, 1961)	STATE ENGINEER
1	JOHN J P	CUHAR propriator)		(Town)
	County of GARFIEI have appropriated ground	water according	State of Man.T.A. to the Montana laws in effect prior	to January 1, 1962, as follows:
-		2.	The beneficial use on which the claim	
-		3.	Date or approximate date of earliest tinuous the use has been	
<b>*</b>	8	<u>+</u>	Continuous	().s.E
		4.	The amount of groundwater claimed per minute)	
Ţ	8	5.	If used for irrigation, give the acreag to which water has been applied an	
SE	4 se33 T/6 RY	4	NOT APPLICA	3.L.E
Indi and Eac acre	icate point of appropriati place of use, if possit h small square represents es.	ion ole. 10 6.	The means of withdrawing such was location of each well or other means	ter from the ground and the
7.	The date of commencement drawal of groundwater	at and completion	on of the construction of the well, w	ells, or other works for with-
	_		<u>ft</u>	
9.	So far as it may be avail	able, the type, a	size and depth of each well or the gen	eral specifications of any other
	Rotary	drille	ed well 53/	e" dumeten 854 leep
	Cased to	Button	WITH Y LA SEEL C	e" dumeten 85H Jeep JELING LOST PRAKERATION
10				
			ithdrawn each year	
11.	The log of formations en 22 to 28, Clay 28, Clay 3	countered in the	e drilling of each well if available 30 to 42, Blue Clay-42 to 4, Cost-67 to 32,	o.to.22, Sil, soud + grune/- o.50, Sand5068.53, Coal Sand826085Coal
	Cook other information of	F a cimilar natur	e as may be useful in carrying out the record.	ne policy of this act, including
	•••••••		7 4 4 7	***************************************
			Signature of Owner.	ling Pluhar
			Cate.	Feb 27 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA }
County of Gardield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana,

A. D. 19 62 at 11-16 olock A. M. County Clerk and Recorder

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3:		Approved Stock Form—State Publis	thing Co., Helena, Montana—38687
		The state of the s	m 16N B 11
rile No	***************************************	<b>49</b>	I
UPLICATE			County Garfield
		STATE OF MONTANA	
		TRATOR OF GROUNDWATER CODI	D)ECEIVED
	•	FFICE OF STATE ENGINEER	M JAN Jane
	Declaration	of Vested Groundwater	Rights
	(Under Ch	apter 237, Montana Session Laws, 1961	state enginee
i 1	Phillip Plubar	of	Cohagen
	ame of Appropriator)	(Address)	(Town)
County of	Carfield	State of	Montena
nave appropria	ted groundwater accor	ding to the Montana laws in effect pr	ior to January 1, 1962, as follows:
1	N .		17 an a a a a a a
		2. The beneficial use on which the cl Well 2: Stockwater	laim is based Well 1: Stockwate
	-  <del> </del>	3. Date or approximate date of earl	liest heneficial use, and how con-
	J	tinuous the use has been Well	1: about 1948.
v	E	Well 2: 1961	
		***************************************	
		4. The amount of groundwater clair	med (in miner's inches or gallons
	-		lons per minute
<b> </b>	_	merr &. ) Eartons per	minute
NEdSWd Sec 35-	26.13	5. If used for irrigation, give the ac to which water has been applied	and name of the owner thereof
NW 14 NW Sec1		Well 2: none	
• -			
Indicate point of and place of use	appropriation e, if possible.		
Each small square acres.	represents 10	6. The means of withdrawing such	eans of withdrawal
acres.			prop.
		Well 2: by windwill on	purp.
7. The date of c	ommencement and com	pletion of the construction of the well	l, wells, or other works for with-
diawat of Bro	Well 2:	1961	
0 Mb - 34b - c	weter table W-13	7-00 0-4 7-33 0-00 0-4	
o. The depth of	water taute	1:-90 feet. Well 2:-30 feet	
works for the	withdrawal of ground	pe, size and depth of each well or the water	14 inch pipe on purp.
		casing & 12 inch pipe on pump.	
***************************************			
10. The estimated	amount of groundwat	er withdrawn each year well 1: D	epending on conditions.
11. The log of fo	rmations encountered i	n the drilling of each well if available	le Well 1: first 90 feet she
Well 2: fi	of send and coel rst 10 feet of sen	mixed: Ni feet of shale below id and shale; 20 feet of send;	coal minture. ( 140 feet de Well 60 feet deep.
		nature as may be useful in carrying or ounty record	

Signature of Owner The

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA County of Gaziteld

Filed in the office of the County Clerk and Recorder of Surfield County, Exte of Montana, this day of

D)	EC SEP	EI	VE	$\Box$
N	SEP	10	1957	رلا

$\mathcal{C}_{\mathcal{F}}$	33
r 16N	R AIE
County	Garfield

### STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

### WATER WELL LOG

07	wnerPl	uhar		·	Address	Cohagen,	Montana
	rillerEastern					, · ·	
Di	ate StartedOct	ober 28,	19 <b>5</b> 8	******************	Date Compl	letedOc	tober30,19
Lo	ocation: Sec3	5 <b>T.</b>	16N R.	41 1/4	sec SEANN	<u> </u>	***************************************
Type of wellDrilled	ug, driven, bored, or	drilled)	Equipme	ent used	Rotary.	drill, rotary, oth	er) "
Water use: Domestic	] Mı	unicipal	$\supset$	Stock	x	Irrigation	
Industrial	_ D	rainage [		Other:	************************	•••••	
Casing:ft.	to100	ft. 7	Гуре	.steel	Size	l.inch	***************************************
Casing:ft.	. to	ft. 7	Гуре		Size		
Casing:ft.	. to	ft. 7	Гуре		Size	••••••	***************************************
Perforated or Screened: F	t none	to ft		Ft	······	to ft	
Type of screen or perforation	onsnon	<u></u>					
Static Water level, for non-	-flowing well:	40				••	feet.
Shut-in pressure, for flowing	ng well:	none	lb./	sq. in. on:		(date)	
Pumping water level	20	feet a	ıt 10		gal.	per min	
How tested: Baile	r						
Length of test	2 hours	••••••					***************************************
Remarks: (Gravel packin	ng, cementing, p	oackers, ty	pe of shut-	off, depth	of shut-off)		
none						•	••••••••••••••••••••••••••••••
		••••					••••••
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					••••••	······································	***************
⊙ <b>-≪</b>			(19vo)				

#### Log of Well

Donale	i, feet	206 05 1100
From	To	Description of Material Drilled
TION	10	
0	13	Soil and Sand
13	31	Shale
31	146	Shale with some coal
46	82	Shale
82	82 <del>1</del> 2	Rock
821	85	Shale
85	115	Sand
115	1140	Shale and some coal
	Î	
<u> </u>		

GROUNDWATER INDEX

County <u>Harfield</u> Twp. 169 Rge. 426.

ec.	Name of Appropriator	Type of Form	County File No.	Remarks
4 2	Halla anton	494	124940	
7	Phylar arthur	482	122085	
	Quhar Withur P.	4001	125485	
	, , , , , , , , , , , , , , , , , , ,	57 Hell hog	700	
	Naflai Cre	51 Hill hoa		
7 7	Nafla Gre	40VI	124 939	
	offla. a ton	494	121832	
13	Schmidt Frank	4011	121832	Les Sic 13aliane
<u>//</u>	Schmidt Frank	40/1	124941	Mer dec 1.5alianie)
15	Mafler Conton	Wor.	125 105	
47	7571 Jand Thuisterk le	570/11/200		
1	Pluhar Grthus	51 Still hoa	4	
18	Pluhar arthur	Harel	101001	
22	Schnudt aston	1 7 7	12/83/	See Ser 23 about
25	Schniett anton	494	121831	all sec 22 above
26	Hafla Che	51 Still Log		
28	77-17 Bould Livestock lea	1	125104	
34	n-11 Band & Livestock lea	394	125098	<del>}</del>
34	Shell Cil leampany	51 Steri hog		<u> </u>
34	Thell Cal beampany	1941	121555	<del></del>
	1	( ) ( )	<b>3</b>	
36	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 494	125099	<del>\</del>
36	n-n Band & Birectock &			
36 12	17-17 Band Sinestock &	6 W 4	125099	
36	n-n Band Sinestock & Chlenbusch, Dan C			
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36 12	M-M Band Briestock & Chlenbusch, Dan C Joe 1-lafla	6 W 4		
36 12	17-17 Band Sinestock &	6 W 4		
36	M-M Band Briestock & Chlenbusch, Dan C Joe 1-lafla	6 W 4		
36	hlenbusch, Dan C. Joe Hafla	6 W 4		
36	hlenbusch, Dan C. Joe Hafla	6 W 4		
36	hlenbusch, Dan C. Joe Hafla	6 W 4		
36	hlenbusch, Dan C. Joe Hafla	6 W 4		
36	hlenbusch, Dan C. Joe Hafla	6 W 4		
36	hlenbusch, Dan C. Joe Hafla	6 W 4		

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Approved Stock Form-State Publishing Co., Helena, Montana-42234

1 D. 4

File No.....

T 16 M R 42 E

DUPLICATE

County Garfield

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

DECEIVED)

Anton Hafla	, of Cohagen
(Name of Appropria	ator) (Address) (Town)
County of Garfield	State of Montana
ave appropriated groundwater acc	cording to the Montana laws in effect prior to January 1, 1962, as follows:
N	
	2. The beneficial use on which the claim is based
	Stock Well
	3. Date or approximate date of earliest beneficial use; and how continu
	ous the use has been 6-15-58 and used continuously.
※ 14.	E
<u> </u>	4. The amount of groundwater claimed (in miner's inches or gallon
	per minute) 10 gallons per minute
	5. If used for irrigation, give the acreage and description of the land
s	to which water has been applied and name of the owner thereo
1 76 10	
Sec. 4 T. 16 R. 42	
licate point of appropriation I place of use, if possible. Each	
all square represents 10 acres.	6. The means of withdrawing such water from the wind and the loc
	tion of each well or other means of withdrawal
	Windmill
	WINDIGIA
The date of commencement and	l completion of the construction of the well, wells, or other works for with
drawal of groundwater	1 completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed
drawal of groundwater	1 completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed
drawal of groundwater	
The depth of water table	1 completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed
The depth of water table	1 completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any oth
The depth of water table	1 completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any oth
The depth of water table	1 completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed
The depth of water table	1 completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any oth indwater.  casing used, 280 ft. deep
The depth of water table	d completion of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any other makes are as a specification of the complete of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed
The depth of water table	d completion of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any other makes are as a specification of the complete of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed
The depth of water table	1 completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any oth indwater.  280 ft. deep
The depth of water table	d completion of the construction of the well, wells, or other works for wit 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any oth andwater.  casing used, 280 ft, deep.  dwater withdrawn each year. 270,000 gallons  ed in the drilling of each well if available. Top soil & Sand, Hard rock, Blue Clay, Soft Sand Rock, Blue Clay, Rock, Fine Sand,
drawal of groundwater	d completion of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any other maker.  casing used, 280 ft, deep  dwater withdrawn each year. 270,000 gallons  ed in the drilling of each well if available. Top soil & Sand, Hard rock Sand, Blue Clay, Soft Sand Rock, Blue Clay, Rock, Fine Sand, ale, Coal.
drawal of groundwater	d completion of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any other maker.  casing used, 280 ft, deep  dwater withdrawn each year. 270,000 gallons  ed in the drilling of each well if available. Top soil & Sand, Hard rock, Sand, Blue Clay, Soft Sand Rock, Flue Clay, Rock, Fine Sand,
drawal of groundwater  The depth of water table	decompletion of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any oth andwater.  casing used, 280 ft. deep  dwater withdrawn each year. 270,000 gallons  ed in the drilling of each well if available. Top soil & Sand, Hard rock Sand, Blue Clay, Soft Sand Rock, Elue Clay, Rock, Fine Sand, ale, Coal.
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The depth of water table	decompletion of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any oth andwater.  casing used, 280 ft. deep  dwater withdrawn each year. 270,000 gallons  ed in the drilling of each well if available. Top soil & Sand, Hard rock Sand, Blue Clay, Soft Sand Rock, Elue Clay, Rock, Fine Sand, ale, Coal.
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drawal of groundwater  The depth of water table	decompletion of the construction of the well, wells, or other works for with 6-9-58 begun 6-15-58 completed  50 ft.  the type, size and depth of each well or the general specifications of any oth individual constant and a specifications of any oth individual constant and in the drilling of each well if available. Top soil & Sand, Hard rock Sand, Blue Clay, Soft Sand Rock, Elue Clay, Rock, Fine Sand, ale, Coal.  milar nature as may be useful in carrying that the policy of this act, including county record.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

124940

STATE OF MONTANA County of Garfield

Filed in the office of the County Clock and Recorder of Garfield County. State of Montana, this day of Montana,

A. D. 186 2 of 3.17 Colock M. M. County Clork and 1900 50

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File No					<b>T</b>	16 R	42	
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42	Coal				hy Mea			INFFR
105 1	The clar		(Under Cha	pter 237,	Monta s	ession Lav	vs, 1961)	
107	Cool		Alex (	Vistad	∠Addæ	CI	·	
135	sand (der)	Owner	170 /	7 /		and .	Jan 1	 L
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180 -	soud (water)		ell stated	6-02		6	7	
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   	N		tatic Water Lev					fee
- - - -	N	S		for Flowii	ng Well			
- - - - -	N	S P	hut-in Pressure umping Water l	for Flowin	ng Well <b>/60</b> fe	et at	<b>0</b> gal. p	per minute
- - - - - -	N W	S P	hut-in Pressure umping Water l	for Flowing	ng Well footflowing v	et atwell	gal. p	per minute
- - - - - -		S P	hut-in Pressure umping Water l	for Flowing	ng Well <b>/60</b> fe	et atwell	gal. p	per minute
- - - - - -		S P	hut-in Pressure umping Water l vischarge in gal, low Tested	for Flowing	of flowing value Leng	wellth of Test.	e gal. p	per minute
-		S P	hut-in Pressure umping Water I vischarge in gal, low Tested	for Flowing	of Wellfe  of flowing v  Leng  cementing use of grou	wellth of Test.	gal. p	per minute
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	w Sec	S P P D P P P P P P P P P P P P P P P P	hut-in Pressure umping Water I vischarge in gal, low Tested	per min. of ailer  l packing, place of the similar per per packing, place of the similar per per per per per per per per per pe	of Wellfe  for flowing was the flowing was comenting use of ground trinent info	wellth of Test. , packers, ndwater if ormation, irrigation)	2 A type of sh not at we including	utoff, loca
	w Sec. 7	S S P P D E H R R R Sible. Each	hut-in Pressure umping Water I vischarge in gal, low Tested	per min. of acking, i place of the similar per milar per min. of the similar per migated, i	of flowing variables of ground the fused for the formal section of	well	gal. p	utoff, loca Il, and an number o
	w Sec	S S P P D E H R R R Sible. Each	hut-in Pressure umping Water I vischarge in gal, low Tested	per min. of aclient aclient packing, i place of a similar per prigated, i	of flowing variables of grountinent info	well	gal. p	utoff, locall, and an
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	W Sec. The location of place of use, if possible square representations.	R R R R R R R R R R R R R R R R R R R	hut-in Pressure umping Water I vischarge in gal, low Tested	per min. of aclient aclient packing, i place of a similar per prigated, i	of flowing variance of grounding trinent information of the second secon	well	gal. p	utoff, loca
	W Sec. The location of place of use, if possible square representations.	R R R R R R R R R R R R R R R R R R R	hut-in Pressure umping Water I vischarge in gal, low Tested	per min. of aclient aclient packing, i place of a similar per prigated, i	of flowing variance of grounding trinent information of the second secon	well	gal. p	utoff, loca

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

122085 122083 STATE OF MONTANA County of Garfield Ci olevined sell robling. Deposits and the proposition removation with manyship out an absolute [27]. The construction of the partial factor of the construction of the partial factor of the construction of the co and the state of the part has starte personal and Paid \$ 7.00 5 4333 Ũ Minnesper [] سر مهم انج 2 ं • • 4 04 70% To state of the

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File No		T /6 NR 4 2 PR
DUPLICATE		County Garfield
	STATE OF MONTANA	
	ADMINISTRATOR OF GROUNDWA	
Decla	ration of Vested Ground (Under Chapter 237, Montana Session	•
1. Arthur T (Name of Ap	Pluhan of Bo	Montana Montana
nave appropriated groundwa	ter according to the Montana laws in	effect prior to January 1, 1962, as follows:
N THE N		which the claim is based 510 s/x wat
	ous the use has been	late of earliest beneficial use; and how continue
w		
	4. The amount of groun per minute)	dwater claimed (in miner's inches or gallons
s		give the acreage and description of the lands been applied and name of the owner thereo
NH4NE Sec. 7 T.16 R.	42	
Indicate point of appropriat and place of use, if possible. E.	ion	
small square represents 10 ac	res. 6. The means of withdra tion of each well or of	wing such water from the ground and the loca her means of withdrawal
7. The date of commenceme drawal of groundwater	ant and completion of the construction	of the well, wells, or other works for with
8. The depth of water table	150 ft	
	-	well or the general specifications of any othe
10. The estimated amount of	groundwater withdrawn each year	150,000 gal
11. The log of formations enc		miles 0 = 32 wellow along
12. Such other information of reference to book and pag	J	carrying out the policy of this act, includin
reference to book and pag	e of any county record	of Owner Justine P. Plus

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

125485

STATE OF MONTANA County of Garfield

Filed in the office of the County Clerk and Recorder of Sarfiold County State of Montano, this day of Linux

n. v. 10	$\bigcirc$ «			E
Form No. 18 8-60	•	T. 16N	R. 12E	•
			Garfield	<u> </u>
	MONTANA BUREAU OF MIN Butte, Mont	NES AND GEOLO	GYDECEIVI	
	Water Well	Log	STATE ENGIN	
	Owner Joe Hafla	Addr	ess Cohagen, Mon	tana
	Driller Geo. F. Askin	Addr	ess Kiles City,	Montana
+ +	Date Started 11/22	/ <u>],5</u> Date	Completed 11/2	27/45
	Location: Sec. 8 T.	16N R. 12E	$\frac{1}{4}$ sec. SE $\frac{1}{4}$	· · · · · · · · · · · · · · · · · · ·
Type of well	drillad Equ.	ipment used	Rotary (Churn, drill, rotary,	other)
Water use: Do	mestic 🕱 Municipal 🧾	Stock	Irrigation	
Indu	strial Drainage	Other		
Casing: 0	ft. to 258 ft. Ty	pe iron	Size lin	ch
	ft. toft. Ty			
Casing:	_ft. toft. Ty	pe	Size	
	creened: Ft. 158 to ft.			
_	or perferationsslots		-	•
	vel, for non-flowing well:		from top	feet.
Shut-in pressur	e, for flowing well;	lb./sq. i	in. on:	
			•	
	evelfeet at_		. per min	
How tested:	bailer		<del></del>	<del></del>
Length of test_	1 hour			
	el packing, cementing, pac ut-off)	kers, type of	f shut-off, dept	h of
	**************************************			
		<del></del>		

(over)

Log of Well

Depth	feet	Description of Material Drilled
From	To	
0	12	top soil
12	33	Brown clay
31	36	coal
36	55	blue clay
55	57	Rock
57	65	Blue clay
65	90	Sand rock
90	113	M Blue clay
113	114	Rock
114	118	Blue clay
118	120	Rock
120	138	Blue clay
138	11,2	Rock
142	155	Elue clay & shale
155	157	Green clay
157	163	Blue sand
163	165	Rock
165	177	Blue spad
177	179	Rook
179	206	Rlue clay
206	215	Coal
alp	232	Blue clay
181	851	Blue sand
251	258	Blue clay

The state of the s Form No. 18 8-60 160 Cerfield County\_ DECEIVE MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana STATE ENGINEER Water Well Log Joe Hafla Cohagen, Montana Owner Address Higgins & Reamy Drilling Address Wiles City, Montana Driller\_ 6/1/56 Date Started Date Completed\_ 6/5/56 Location: Sec. 9 T. 16N R. h2 \_<del>1</del> sec.\_ Hotsey drilled Type of well \_Equi.pment used\_ (Dug, driven, or drilled) (Churn, drill, rotary, other) Water use: Domestic Municipal Stock | Irrigation Industrial Drainage Other\_ h inch Casing: 0 ft. to 258 ft. Type XXXXX iron Size Casing: \_\_\_\_ft. to \_\_\_\_ft. Size\_ Type\_\_\_ Size\_ ´ Casing:\_\_\_ \_\_\_\_ft, to\_\_\_\_ft. Type\_\_\_ Perforated or screened: Ft. 198 to ft. 258 . Ft. to ft. Type of screen or perforations slots 80 DEEL feet from top Static water level, for non-flowing well:\_\_\_\_ feet. Shut-in pressure, for flowing well:\_\_\_\_\_lb./sq. in. on:\_ \_feet at\_\_\_\_ gal. per min. Pumping water level\_\_\_\_\_ beiler How tested:\_\_\_ Length of test\_\_\_\_ 2 hours Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth	feet	Description of Material Drilled
From	То	
0	12	top soil
12	31	Brown clay
31	36	Coal
<u> 36</u>	55	Blue clay
55	57	Rock
57	65	Blue clay
65	90	Sand rock
90	113	Elus clay
113	114	Rock
יוכנ	118	Blue clay
118	120	Rock
120	138	Blue clay
138	11/2	Rock
1715	155	Blue clay & chale
155	157	Green clay
7.57	163	Blue sand
163	165	Rock
165	177	Mns sand
177	179	Rock
179	206	Blue clay
206	215	Coal
215	232	Blue clay
232	251	Blue sand
251	258	Elue clay

GW		
<u>:</u>		

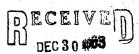
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DUPLICATE

County Garfield

## STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



### Declaration of Vested Groundwater Rights ENTINEER

(Under Chapt	ter 237, Montana Session Laws, 1961)
	, of Cohagen (Address) (Town)
County of Garrield	State of Montana to the Montana laws in effect prior to January 1, 1962, as follows:
N	to the mental with a creek prior to during a recently
	2. The beneficial use on which the claim is based.
	Stock Well and Home Use
	3. Date or approximate date of earliest beneficial use; and how continu-
	ous the use has been Both Wells used continuously.
	N.W 9-12-60 begun 9-16-60 Completed S.W 5-26-56 begun 5-30-56 Completed
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	S.W 320,220 per minute 20 gallons
s	<ol><li>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof</li></ol>
W 1	
W 1/4 Sec. 10 T16 R 1/2	
ndicate point of appropriation nd place of use, if possible. Each	
nall square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca- tion of each well or other means of withdrawal
	N.W Windmill
	S.W Pressure Pump
drawal of groundwater N. W	etion of the construction of the well, wells, or other works for with- 2-12-60 bagun 9-16-60 Completed 5-26-56 begun 5-30-56 Completed
	·
o. The depth of water table	lio Ft S.W 55 ft.
works for the withdrawal of groundwater	s, size and depth of each well or the general specifications of any other
S.W. Drilled Well. h" Casing	sed, 1551 Deep sused, 1601 Deep
***************************************	
	vithdrawn each year N.W 250,000 per winnin year (gallon S.W 320,000 per wher (gallons)
Clay, Light Blue Sand, Blue Cla Rock, Light Blue Sand, Elue Cla	e drilling of each well if available Top Soil, Yellow Clay, Blue ay, Rock, Blue Clay, Coal, Green Clay, Coal, Green Clay, Coal, & Rock, Blue Clay, Rock, Blue Clay, Fine Blue
2. Such other information of a similar nat reference to book and page of any count	ture as may be useful in carrying out the policy of this act, including y record
	Signature of Owner Anton Kayla
	Date 12 - 26 - 63
Three copies to be filed by th  r with the	County Clerk and Recorder of the county in which the well is located.
Please answer all questions 🕞 . applicable	e, so state, otherwise the form will be returned.
* **	

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Burcau of Mines and Geology, and Quadruplicate for the Appropriator.

124939

STATE OF MONTANA }
County of Garfield }

Plied in the office of the Cour' Clerk and

Recorder of Garfield County, State of Montana, this day of April 1997 A D 18 1 The CLAR Octock M.

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et en en geleg en	and the state of the
,	Approved Stock Form-State Publishing Co., Helena, Montana-38687
e No	T. 16.4.10 k.2
PLICATE	CountyGerfield
ADMINIST	STATE OF MONTANA RATOR OF GROUNDWATER CODED ICE OF STATE ENGINEER
Declaration of	F Vested Groundwater Rights ENGINEER
C. Erlenbusch	Cohagen,
(Name of Appropriator)	(Address) Montana (Town) State of
N	ng to the Montana laws in effect prior to January 1, 1962, as follows:  2. The beneficial use on which the claim is based well 1: Stock & Donestic; well 2: Stockwater
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been well at Jamery, 1958;
E	7e11 2: June, 1968.
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute) Well 1: 6 sall/one per minute. Well 2: 8 gallons per minute.
1	5. If used-for-irrigation, give the acreage and description of the lands
NET Sec 12-16-12	to which water has been applied and name of the owner thereof
1/4 SE Sec. 55 T. 17 R	-Well 2: none
dicate point of appropriation d place of use, if possible.	6. The means of withdrawing such water from the ground and the
ich small square represents 10 res.	location of each well or other means of withdrawal
	Vell 1: pump and electric motor Vell 2: pump and windmill or pump-jack.
•	A DECEMBER OF THE PROPERTY OF
The date of commencement and complete drawal of groundwater	etion of the construction of the well, wells, or other works for with-
	000184 1720
. The depth of water table well 2:	COLDENSMALE REPORTS BY BALLS to 145 feet
	e, size and depth of each well or the general specifications of any other reter well it Cased with a inch casing là inch pipe on purp with 12 inch pipe on cylinder and pump
***************************************	
). The estimated amount of groundwater	withdrawn each year Each well will water 200 head of cat
att to to to to but suate to	the drilling of each well if available Well 1: 0 to 10 ft brn so: shale; 17 to 16 coal; 16 to 75 ft blue shale; 57 to 76 i o 92 ft rock; 95 to 110 ft blue shale; 110 to 160 ft san 7 ft blue shale; 37 to 13 ft rock; 13 to 70 ft blue shale
70 to 95 ft sand; 95 to 100 ft 2. Such other information of a similar na	shale. ture as may be useful in carrying out the policy of this act, including
reference to book and page of any cou	nty record
······································	
	Signature of Owner Dance. Elen busch
•	Signature of Owner Lance Cate - Dure

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

The state of the s

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

807

Approved Stock Form-State Publishing Co., Hele File No ... County Sarfield DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of **Velland** Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) (Town) County of State of. have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: 2. The beneficial use on which the claim is based. 3. Date or approximate date of earliest beneficial use; and how continuous the use has been well no and 1916.

Well no two 1943, well no ne full way one 4. The amount of groundwater claimed (in miner's inches or gallons sol le minute per minute) ... 5. If used for irrigation, give the acreage and description of the lands to which water has been applied, and name, of the owner thereof 72.1 5W 45 Sec, 13 T16 P 42 V Indicate point of appropriation and place of use, if possible. Each small square represents 10 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal wind mill 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well no completed in 1915 8. The depth of water table well no bye 9. So far as it may be available, the type, size and depth of even well or the general specifications of any other works for the withdrawal of groundwater. Well 710. The Casing I galvanized well no. The Hard Hard Commission of the withdrawal of groundwater. 10. The estimated amount of groundwater withdrawn each year well mo, one 190,000 11. The log of formations encountered in the drilling of each well if available 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record ...... Signature of Owner La

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Date 5 - 4 - 62

STATE ENGINEER

STATE OF MOSTANA County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this day of May

A D. 10 62 /01 10:05 0'0 00 A. M

County Clerk and Reporter

Deputy

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~	Approved Stock Form—State Pu	iblishing Co., Helena, Montana—42234
No	· · ·	7 16 N 12 E
PLICATE		County Garfield
ADMINIS	STATE OF MONTANA TRATOR OF GROUNDWATER CO FICE OF STATE ENGINEER	
Declaration of	of Vested Groundwater	Rights DEC 30 1953
	apter 237, Montana Session Laws, 196	
Anton Hafla	of Cobagen	,
ounty of Garfield	State of Montage laws in effect we	
ave appropriated groundwater according	ik to the mouthing isas in extect bu	for to January 1, 1302, as 1010ws:
N .	Stock Well	laim is based
		liest beneficial use; and how continu-
	9-18-51, and u	sed continuously.
E	***************************************	***************************************
		aimed (in miner's inches or gallons
	per minute)	er minute
		34
s  14 Sec. 15. T. 16 R. 42  cate point of appropriation place of use, if possible. Each li square represents 10 acres.	6. The means of withdrawing such tion of each well or other means	water from the ground and the loca of withdrawal
The date of commencement and comdrawal of groundwater9-16-51	pletion of the construction of the w	ell, wells, or other works for with
The depth of water table	ft. deep 80 ft. at Wa	ter_table
	rpe, size and depth of each well or t ter	g used, lill ft. deep.
The estimated amount of groundwater	r withdrawn each year320,0	00 gallons per year
The log of formations encountered in Sand, Shale, Coal, Shale, Ro Coal, Shale, Quick Sand.	the drilling of each well if available ck, Fine Sand (dry), Shale &	***************************************
Such other information of a similar reference to book and page of any co	nature as may be useful in carrying	out the policy of this act, includin
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	anton Hafla Date 12-26-63
	1	Date 12-26-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Burcau of Mines and Geology, and Quadruplicate for the Appropriator.

124941

### STATE OF MONTANA County of Garfield

Poled in the office of the County Clerk and Recorder of Cartiold County, State of Manual, this

A D 196 3 of Species M.

Company Clerk and Species

Company Clerk and Species

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INDEXED PLA

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N-NSand & Sur	custack Co	of 910 Pleasant Miles City (Address) (Town)
County of County	VLAV	State of State of January 1, 1962, as follows
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8	t	Date or approximate date of earliest beneficial use; and how con injuous the use has been 1755
	4. 7	The amount of groundwater claimed (in miner's inches or gallon
	<u> </u>	If used for irrigation, give the acreage and description of the land
14. Sec/ 7 T/6	t t	o which water has been applied and name of the owner thereo
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NAME OF

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA County of Gerfield

Filed in the ciffce of the County Clerk at Recorder of Carrield County, State of Montana this C day of Mark A. D. 19 Communication of Colock A. M.

Type of well	MONTANA  er Arthu  ller Buell  e Started  ation: S  drilled  m, or drilled	Water or Plubar 1-Ediund D 11/ Gec. 18	F MINES Montan	AND G a og	Carfi EOLOGY Address Address Date Co	STATE  Coh	CEIV CEIV CEIGI EENGI agan, Mor	ED 61 NEER ntana
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Type of well				R!	l.om ·			
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Perforated or screen Type of screen or pe Static water level, Shut-in pressure, fo Pumping water level_	to	ft.	Type_			_Size_		
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Shut-in pressure, for Pumping water level_	rforatio	ns	slots					
Pumping water level_								
_	r flowin	g well:_		_1b./s	sq. in.	on:	(date)	
How tested:		fee	t at	7	gal.	per m	in	
How tested:	t .	bailer						
Length of test		2 hours					<del>, ,</del>	
Remarks: (Gravel pa shut-of		ementing	, packer	rs, ty <sub>l</sub>	pe of s	shut-of	f, dept	th of
					<del></del>			

<u>Depth</u>	feet	Description of Material Drilled
From	To	
0	224	Sandy Yellow Clay
<b>1</b> 14	29	Yellow Shale
29	30	Sandstone
30	145	Yellow shale
45	52	Blue shale
52	54	Sandstone
54	75	Elue Shale
75	85	Maddy Sand
85	87	Brown shale
87	110	Blue Shale
110	125	Sandstone with shale stringers
125	140	Blue Shale
J)†O	11.5	Sandstone—hard
145	150	Gray shale
150	180	Gray shale
180	200	Sandy Shale
200	205	XENEXHETE Sandstone - soft
205	207	Sandstone - hard
207	213	Sandstone - soft
213	224	Gray shale
557	228	Sandstone - soft
228	232	Blue shale
232	235	Sandstone
235	239	Blue shale

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	•		г <b>1</b> 6н	R. hze
	• • • • • • • • • • • • • • • • • • •		CountyQex	field
	MONTANA BUREAL Bu	J OF MINES AND ( tte, Montana	CEODOE C	EIVED
	WAT	ER WELL LOG		ENGINEER
	Owner Art Pluhar		Address	Cohagen, Montana
	DrillerTom - Duell-	•••••••••••••••••••••••••••••••••••••••	Address	Miles City, Montana
	Date StartedOctober	., 1955	Date Com	pleted in two days
	Location: Sec <b>18</b> T	RR	4 sec	# PART
Type of well	(Dug, driven, bored, or drilled)	Equipment used	Rotar	drill, rotary, other)
Water use: Domestic	Municipal	Stock		Irrigation
Industrial	Drainage	Other:		
Casing:	ft. to <b>240</b> ft.	Type	Size	l inch
Casing:	ft. toft.	Туре	Size	
Casing:	ft. toft.	Туре	Size	***************************************
Perforated or Screened	1: Ft to ft	2 <b>40</b>		to ft
Type of screen or perfor	rations <del>slots</del>		***************************************	
Static Water level, for r	non-flowing well:come	s-to-within-90-fee	et-of-eurfe	rcefeet.
Shut-in pressure, for fl	owing well:	lb./sq. in. on	<b>:</b>	/John)

feet at \_\_\_\_\_gal. per min\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) No log furnished with this well Second well drilled 100 feet east of the above mentioned; well 15 110 feet deep, used 2 inch galvanized masing, water comes to within 90 feet of surface.

How tested: baler

Pumping water level.....

didnot receive log from driller.

Depth	feet	Description of Material Drilled
From	То	
0	30	Top soil & brown clay
30	72	Riue clay
72	100	Blue sand
100	103	Rock, soft
103	130	Mue oby
2550	LIXUS	A TAXA BERGET & BARK
110	112	Seek .
112	3778	-co gird
148	156	
156	160	697
	1	
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DUPLICATE THATUS OF MONTANA NICESATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) (Town) (Name of Appropriator) have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: 2. The baneficial use of which the claim is based. inate of approximate date of partition of the loss and how con tingopp the use has been... Wellw 16.2. 4. The amount of groundwater claimed (in mine. 's inches or gallous per minute). fra Mu If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Well no. 1 N. E. Z. Sec. 25 T. 16 R. 42. Well JA JE Sec 22 T. 16 R. 42 Indicate point of appropriation and place of use, if possible. Each small square represents 10 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. acres. 7. The date of commencement and completion of the construction of the well, wells, or other works for with drawal of groundwater. Well No. 1. 3-1-58. 8. The depth of water table. 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater withdrawal of groun 10. The estimated amount of groundwater withdrawn each year West Mo, 1. 730,000 11. The log of formations encountered in the drilling of each well if available 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.. Signature of Owner.... Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned. Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE ENGINEER DECEIVED

STATE OF MONTANA County of Garfield

Filed in the office of the County Clerk and Recorder of Gartield County. State of Montana, this 31 day of May

A. D. 19 20 at 10:00 solet A. M.

A D. 16 (2) at 10:00

County Clerk and Re

्रेस स्ट्रिक्ट के क्षेत्रक महत्वताच्या है। अस्ति महिन्द्रक महत्त्व क्षेत्रक के अस्ति महिन्द्रक महत्त्व कि प्र स्टर्स स्ट्रिक्ट के स्ट्रिक्ट के स्ट्रिक्ट के स्ट्रिक्ट के स्ट्रिक्ट के स्ट्रिक्ट के स्ट्रिक्ट के

Form No. 18 8-60 County - Carfield MONTANA BUREAU OF MINES AND GEOLOGY DECEIVE Butte, Montana Water Well Log STATE ENGINEER \_\_Address\_\_\_\_Cohagen, Wontana Owner Jon Harin Riggins Frilling Co. Address 443es Oity, Pontana Driller\_\_ \_\_\_Date Completed\_\_\_6/9/58 Date Started K/8/58 Location: Sec.26 T.168 R.122 4 sec. 521 Type of we. \_Equi.pment used\_\_ (Churns diffit, fotary, other) Stock Irrigation Water usu Domestic Municipal Industrial Drainage Other \_\_\_ Type size h inch Caring: 0 ft. to 90 ft. Casing: \_\_\_\_ft. to \_\_\_\_ft. Type\_\_\_\_Size\_ \_\_\_ft. to\_\_\_ft. Type\_\_\_\_Size\_\_\_ Casing:\_\_\_ Perforated or screened: Ft. 50 to ft. 60 . Ft. to ft. Type of screen or perforations\_\_\_\_ Static water level, for non-flowing well: 25 feet from top Shut-in pressure, for flowing well: \_\_\_\_lb./sq. in. on:\_\_ Pumping water level feet at gal. per min. How tested:\_ bailer Length of test\_\_\_\_ 30 minutes Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of

Log of Well

To 1	top soil
ſ	
76	Drown sand
- 55	Rock
- 80	Dive send
<del>20</del>	- Oumbo

DEPLICATE		amamb open	- <del>W</del> ENA	County.	
	ADMINI	STATE OF	F PANA  **********************************		E. (VE
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I		of Vested		031141	LHUINE
6	(Under C	hapter 237, Monts			4 - 4
N-N-M	Twestock	.Co	of 910 Pleas	sout Mis	les City
County of Cu	of Anpropriator)	ording to the Mo	tate of	out	1962, as follow
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			ial use on which the		lock. U
			proximate date of ear		
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			of groundwater cla	•	-
		. poz minuto,			
5			irrigation, give the a- ater has been applie		
NE 4 Sec 28 T/	16 242			igation	
Indicate point of apprand place of use, if		***************************************		V	
Each small square repractes.	resents 10		of withdrawing suc		- <b>**</b> ** ** ** ** ** ** ** ** ** ** ** **
7. The date of comme drawal of groundw	encement and com	pletion of the con	nstruction of the we	ll, wells, or other	works for wi
*****			***************************************		**************
8. The depth of wate	r table 12	5ft.			
9. So far as it may h	e available, the t	ype, size and dep	th of such well or the	Manaral Minuffigure	ions of any ot
WORRS TOP LINE WATER					~
***************************************					
10. The estimated amon	ount of uncomban	ter withdrawn ea	ch year / 46	0,000 50	l.
11. The log of formation					vailab
***************************************					
12. Such other informa reference to book a	ation of a similar and page of any c	nature as may be ounty record	useful in carrying o	ut the policy of the	nis act, includ
				<u>/</u>	
			N	- N. SandV.	Guesta
		^	signature of Owner	<i>7</i> √/	<del>-</del> , "/

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

125104

STATE OF MONTANA County of Garfield

Filed in the office of the County Clerk and Recorder of Carrielli County, State of Montana this. 30 day of Mariana this 30 day of Mariana

Pes Paid 2. 00

Section 1997			
ile No	And the second s		16 142
UPLICATE			ounty Suffeld
•	STATE OF M		E Charren
	ADMINISTRATOR OF GR		SECEIAEU
	OFFICE OF SIRI	E ENGINEER	LILI JAN R 1964
Dec	laration of Vested	Groundwater R	lights "" 1904 —
	(Under Chapter 237, Monta	na Session Laws, 1961)	STAIL ENGINEER
., .0 00	1 / 0 0	10	101110 P.L
N-N Land & Lu		of 910 Please	and St Miles lily
	ppropriator)	(Address)	f (Town)
have appropriated groun	Studwater according to the Mor	itana laws in effect prior	to January 1, 1962, as follows:
N	_		A-OI.
	2. The benefici	al use on which the clain	n is based slock Water
		***************************************	<u></u>
<b>├</b> ─├─┤┤	3. Date or apr	proximate date of earlies	t beneficial use; and how con-
	tinuous the	use has been	53 Continues
, 4-1 1 1 1	в	- <b>v</b>	
	4. The amount	of groundwater claimed	d (in miner's inches or gallons
	per minute)		
	E Té mad éan	inuliantian aire the case	3 3
8			ge and description of the lands nd name of the owner thereof
1) 34 1/	41		
14 Sec. 7. T.L. R.	<i>7</i> =\$		
Indicate point of appropria and place of use, if possi	ible.	of mithdrawing and m	ntan from the mronud and the
Each small square represents acres.	g 10 o. The means		rater from the ground and the as of withdrawal.
	***************************************		
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7. The date of commencement	ent and completion of the cor	astruction of the well, v	wells, or other works for with-
grawal of groundwater			
0 Mt 7 47 - 0	70lt.		· · · · · · · · · · · · · · · · · · ·
	/		
9. So far as it may be ava	ilable, the type, size and deptart of groundwater	th of each well or the gen	neral specifications of any other
works for the withdrawa	ar or groundwater		
***************************************			
	,		
10. The estimated amount o	of groundwater withdrawn ea	ch year 1 460	, soo gal.
11. The log of formations e	ncountered in the drilling of	each well it available	Have wowen
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12. Such other information	of a similar nature as may be	useful in carrying out	the policy of this act, including
reference to book and per	ige of any county record	VI O GLOUL D	nfarmation
***************************************			
		N 1	Sand Lewestpek Co
	S	Signature of Owner	Hector Klid.
	s	Signature of Owner	Dectar Kud Dec 30 1963

Please answer all questions. If not applicable, so state, otherwise the form will be returned

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

### 125098

FATE OF MCDUTAIN County of Gadield

Filed in the office of the County lesk an Recorder of Garfield County, State at Marithis day of State and County Clerk and Recorder

Fee Poid & 2.00

	T 16 N R 428 3H
DECEIVE MONTANA BUREAU OF MINES A	County Garfield
STATE ENGINEER WATER WELL LOG	
Owner SHELL OIL COMPANY	P. O. Bor 2547 Billings, Montana
Driller Whitner	Address P& 1
Date Started	Date Completed June 7, 1953
Location: Sec. 34 T. 16 N R 42	B 1/4 sec. Southwest
Type of well	Used(Churn drill, rotary, other)
Water use: Domestic Municipal	Stock Irrigation
Industrial Drainage Oth	er: Plugged and Abandoned
Casing: None ft. to ft. Type	Size
Casing:ft. toft. Type	Size
Casing:ft. toft. Type	Size
Perforated or Screened: Ft to ft to	Ft to ft
Type of screen or perforations	
Static Water level, for non-flowing well:	feet
Shut-in pressure, for flowing well:lb./sq. i	in. on:(date)
Pumping water levelfeet atfeet at	• •
How tested:	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of shut-off,  Drilled 6" hole to 170", found no water.	depth of shut-off)
Hole back-filled and abandoned.	······································
	······································

<b>F</b>		• 5
e No.	<b>n</b> .	164 R. 428
	**************************************	
ginal.	County	BARFIELD
•	STATE OF MONIANA INISTRATOR OF GROUNDWATER CO OFFICE OF STATE ENGINEER ATION OF VESTED GROUNDWATER R Lpter 237, Montana Sessions L	DU APR 4 1962
(Under Cha	of P. C. Box 2547	ews 1961/NIC CIVUINCER Billings
(Name of Appropriator)	(Address)	(Town)
County of Yellowstone	State of <b>Monta</b>	11 <b>0</b>
county of Italian with	State of Montage ter according to the Montage	
January 1, 1962 as follows:	2. The beneficial use on whi Industrial	
	3. Date of approximate date and how continuous the us	of earliest beneficial use; se has been June 28, 1953
Section 34	4. The emount of groundwater or gullons per minute)	elaimed (in miner's inches
Tindice of pull place of use,	of the lands to which was	ive the acreage and description ter has been applied and name
priation bad place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing and the location of each withdrawal. Hotor driven	well or other means of
The date of commencement an other works for withdrawal	d completion of the construct of ground water June 7th 19	tion of the well, wells or 53 started. Comp. June 28,
The depth of water table		
specification of any other	de, the type, size and depth works for the withdrawal of p 90h Perfs 7h0-79h and 853-	groundwater
The estimated amount of gro	undwater withdrawn each year	<b>**</b>
The log of formations encou For Hills 740	intered in the drilling of each	ch well if available
Such other information of a	similar nature as may be using reference to book and pag	eful in carrying out the & of any county record
APPLICATION OF THE PROPERTY OF	Signature of	Owner as Iren

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Date February 5, 1962

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

STATE OF MO	NTANA		)			
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County of			-)		e de di	
		Ireson		having first been lawful age and	duly sworn, depo	<b>8</b> se:
for 50011 011	co that	he	of of	lawful age and	the appropri	ator."
	-	and claima		of the order and		
in the foregoi	ng d <b>ec</b>	aration of	vested (	groundwater rights ar	d the person appropriate	) PRO (1)
and claimant		3.4	that	till som <b>he</b> see an alle	know	
contents of sa	id for	going noti	ce and ti	hat the matters and	hings therein st	ated
as true.		- · -			F. Committee	
	S	Abscribed a	nd sworn	to before me, this	gen day of	February 19 62
	<i>™</i> • • • • •			Notary Public	ot W La for the State of	Montana
				Residing at	lings, Montana	
				My Commission expi	res March 30	19 62

County of Carfield

Elisd in the cities of the County Clerk and this 2 cate of Montana, and this 2 cate of Montana, and the county Clerk and the county Cler

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Offinty Garries

## MONTANA BUREAU OF MINES AND GEOLOGY Butter States

## STATE ENGINEER

#### WATER WELL LOG

	Owner	SHELL O	IL COMPA	r.	. Address	P. O. Bon Billings,	2547 Montana
1	Driller	Livinos	ten			Wimett.	Montana
3	Date Started						1953
0	Location: Sec	<u>34.</u> T	26 N	R 42 B 14	sec	Southwest	·····
Type of well	Drilled	***************************************	Equi	pment used	Churn d		
Water use: Domestic	Dug, driven, borec	Municipal		Stock	$\overline{}$	irn drill, rotary.  Irrigation	<del></del> -
Industrial	×	Drainage		Other:	•••••	•••••••••••	
Casins: 0	.ft. to. 90h	ft.	Туре		196an	6-5/8"	
Casing	t. to	ft.	Туре	***************************************	Size,		,44° 6° 644////
Casing:	_1t. to	n.	Туре	***************************************	Size		11411111111111111111111111111111111111
Perforated or Screened	: Ft. 7140	to 15.	79%	Ft	<b>(5)</b>	to ff	APS
Type of screen or perfor	ations 70	rob perfa		·····		**********	muumma
Static Water level, ior n	on-flowing well	150				····	
Shut-im pressure, for flo	wing well:						
Pumping water level	225	féne	t at	70		(date)	
How tested:	Pailing			***************************************			
Length of test		······	.,,,				
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)							
	**************************************				***************************************	····	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,			•••••••••••••••••••••••••••••••••••••••	
	***************************************		***************************************	***************************************			
				***************************************		***************************************	
③ ◆◆◆			(over)	***************************************			

Zero measurement is at rotary table Log of Well

Depth,	feet	Description of Material Drilled
From	То	2000.500.00
0	50	Surface
50	200	Gray clay - coal - dark elay
200	220	Gray clay
220	240	Gray clay - fine soft sand
240	258	Gray clay
258	259	Hard shell
259	274	Hard streak lims and sand to gray clay
274	276	Hard streak
276	310	Clay - hard sand - lime streak
320	320	Gray green clay
320	330	Shale strock - hard seed
330	360	Gray clay
360	370	Bentonite
370	390	Gray clay
390	1,60	Varied colored clay and shale
1460	500	Varied colored clay - sand and lime
500	5320	Varied colored elay - send and lime
51.0	620	Gray clay
620 630	630 6 <b>60</b>	Varied colored clay - shale Light -reen clay
640	690	Varied eclored clay
698	715	Fine sale
715 736	736 741	Very file and clay Hard strenk
743.	760	Find sand - sand varied with clay
760	780	Coarse sand
780	790	Hedium line streak - hard sand and clay Streak of sand - varied colored clay
790	821;	
824 840	848	Green clay Varied colored clay - sand - hard streak
848	860	Sand - varied Colored Clay
870	880	Hedium sand
880	90h.6	Sand - mostly clay Botkom

	<b>T/.</b>	4.1.11
PLICATE	Coun	y Sarguela
	STATE OF MONTANA	C III A III C III C III C
A)	DMINISTRATOR OF GROUNDWATER CODE	15) FOF AE
	OFFICE OF STATE ENGINEER	LAN e snea
Declara	ition of Vested Groundwater Rig	hts Unit 1904 -
		STAIL ENGINEE
<b>2 4 0</b>	1 0 1	
N-N Janel Live	estock Co of 9/0 Blessan	t Miles City
Mame al Approp	priator) (Address)	(Town)
County of	State of Mountain State of Sta	January 1 1962 as follows
Wate appropriated fraggrand	St. Scootstills to the Wollfang 18 As III Street briot to	January 1, 1000, 65 1010115
N		Stablin
X	2. The poseficial use on which the claim is	based.
	· ///	***************************************
	3. Date or approximate date of earliest b	
	tinuous the vse has been	o conunaus
	E	
╼┼╼┼╼┼╼┼	4. The amount of groundwater claimed 6	n miner's inches or collons
	per minute) approximate	
		<i>t</i>
	5. If used for irrigation, give the acreage	and description of the lands
<u></u>	to which water has been applied and	name of the owner thereof
14 Sec 36 T/6 RH2	Not used far err	igación
Second TI BRAZ		- <i>(</i>
icate point of appropriation	6. The means of withdrawing such wate	1
nate point of appropriation before of use, if possible in small square represents 10 es.	6. The mean, of withdrawing such wate liquition of each yell or other means of	r from the ground and the
place of use, if possible. h small squaare represents 10 es.	6. The means of mathy all or other means of	r from the ground and the
place of use, if possible. h small square represents 10 es.  The data of commencement a	6. The means of the construction of the well, well	f from the ground and the
place of use, if possible. h small square represents 10 es.  The data of commencement a	6. The mean, of withdrawing such water liouslish of mach yell or other means of the completion of the construction of the well, well	r from the ground and the f withdrawal works for with
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The date of commensement a drawal of groundwater	6. The means of withdrawing such water blocation of each yell or other means of the completion of the construction of the well, well and completion of the construction of the well, well et type, size and depth of each well or the general groundwater.	r from the ground and the f withdrawal. April 1995, or other works for with all specifications of any other works.
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The date of commensement a drawal of groundwater	6. The means of meth will or other means of meth will or other means of meth will or other means of methods of the construction of the well, well or the type, size and depth of each well or the general groundwater.	r from the ground and the f withdrawal specifications of the speci
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Original to the County Clark and Hasorder; Septimate to the State Engineer Proplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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STATE OF MONTANA County of Gerfield

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GROUNDWATER INDEX

County <u>Garfie</u> Twp. 167 Rge. 436.

Sec.	Name of Appropriator,	Toping M	Country File No. 12308.	Remarks
6	Schlieb Onhal K.	57 Hay Dog	+	
2.	Schlopp Ochai K.	51 Stell tog	1	
6	Schlip Dolek	484	124973	
3	there Pacele sachen bo	494	1246.37	
11	sedan Jaka 3	1944	125038	
16	The day Och B	494	125042	
13	Queden John B	4914	125035	
H	Charles which B	484	125039	
18	The Dalwid	494	125046	-
18	Boles Gadfrey	482	121838	
18	Heline Godfrey	49/4	121649	
19	Gordon Charl B	444	125040	
21	Horthey Pacific Railway bee	. 4X4	124636	-
26	Vardan Olya te.	494	125053-	
26	Ordan Colya &.	4214	1250-1.	
21	Borthen Pacific Parling low	4913	124626	-
35	andan Olya E.	484	125052	
4	Helm, William A.	GW4	123085	<u>+                                      </u>
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GV.	AN.	D) Approved Stock Form Stale Publishing Co., Helens, Montana-38687
`-	No	[N] T & 16R 43
	LICATE	CTATE FNGINEER County Garfield
		STATE OF MONTANA
		CE OF STATE ENGINEER  DECEMBER
	Declaration of	Vested Groundwater Rights
	(Under Chapt	er 237, Montana Session Laws, 1961) STATE ENCI.
,	William A. Holm	of Rock Springs, Montana
1	(Name of Appropriator)	(Address) (Town)
	County of have appropriated groundwater according	State of Montana g to the Montana laws in effect prior to January 1, 1962, as follows:
	N	70.1
		The beneficial use on which the claim is based. House hold and stock water.
]	<u> </u>	
ļ,	<u>102                                     </u>	Date or approximate date of earliest beneficial use; and how continuous the use has been. No.1. Homestead days Cont. use Nor2 1946 Cont. use.
w -	X	Nor2 1946 Cont. use. No. 3 1952 Cont. use
-		k. The amount of groundwater claimed (in miner's inches or gallons
-		per minute) 5 gals. per min.
-		
, <u>L</u>	1.17.R.43 Sec. 32: NWaSWar	<ol><li>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof</li></ol>
ସମ	t. 16, R43 Sec. 4: NETNET : 14. NW SSL 21T 17. R 43 -23	
Indi	cate point of appropriation	
and	place of use if possible.	6. The means of withdrawing such water from the ground and the
acre	s.	location of each well or other means of withdrawal
		The second of th
7.	The date of commencement and comple	tion of the construction of the well, wells, or other works for with-
•	drawal of groundwater.	
8.	The depth of water table No. 1-1	30 ft. No. 2-70 ft. No. 3-160 ft.
9.	So far as it may be available, the type	size and depth of each well or the general specifications of any other
	works for the withdrawal of groundwar No. 2- Drilled h!! caseing, 1	er No. 1- Drilled 4' caseing, 140 m. deep.
	No. 3- Drilled 4' caseing 1/	of t. deep.  ed with 7/16'' rod for pumping. Weil 180. 3 has
	windmill & pump jack. No. 1	2 just have pump jacks.
10.	The estimated amount of groundwater	withdrawn each year No. 1-220,000 gal. No. 2-220,000 gal. No. 3-220,000 gal.
11.	The log of formations encountered in t	he drilling of each well if available No. 1- Not available steaks of sand, 125 ft. to 128 ft. Rock.
	No. 3- Not available.	Steams of Saint, 12) for to 120 for Address
	**************************************	·
12.		ure as may be useful in carrying out the policy of this act, including
		y record
		Signature of Owner # Willaam A. Helm
		DateJanuary22, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Mantana Hureau of Mines and Geology, and Quadruplicate for the Appropriator.

10 July 10 Jul